

AMENDMENTS TO THE CLAIMS:

Claims 1-11 are canceled without prejudice or disclaimer. Claims 12-28 are added. The following is the status of the claims of the above-captioned application, as amended.

Claims 1-11 (Canceled).

Claim 12 (New). A method for detecting an amidase or a lipolytic enzyme in a sample, comprising the steps of:

(a) incubating the sample with a substrate comprising a polyunsaturated fatty acyl group linked through an amide or ester bond to allow hydrolysis of the amide or ester bond, wherein the substrate is a polar lipid selected from the group consisting of a phospholipid, a lysophospholipid or a galactolipid; a sterol ester; a wax ester; an aryl ester and a mono- or diamide.

(b) simultaneously or subsequently incubating the sample with a lipoxygenase to allow formation of a hydroperoxide of the polyunsaturated acid, and

(c) detecting the formation of the hydroperoxide.

Claim 13 (New). The method of claim 12, wherein the polyunsaturated fatty acyl group is linoleoyl (18:2).

Claim 14 (New). The method of claim 12, wherein the substrate is a galactolipid.

Claim 15 (New). The method of claim 14, wherein the substrate is digalactosyl diglyceride (DGDG) or monogalactosyl diglyceride (MGDG).

Claim 16 (New). The method of claim 12, wherein the substrate is a phospholipid.

Claim 17 (New). The method of claim 16, wherein the substrate is lecithin, L- α -phosphatidylcholine, or dilinoleoyl-phosphatidylcholine.

Claim 18 (New). The method of claim 12, wherein the substrate is a lysophospholipid.

Claim 19 (New). The method of claim 18, wherein the substrate is phosphatidyl inositol (PI), phosphatidyl ethanolamine (PE), phosphatidyl choline (PC) or N-acyl phosphatidyl choline (APE).

Claim 20 (New). The method of claim 12, wherein the substrate is a sterol ester.

Claim 21 (New). The method of claim 20, wherein the substrate is cholesterol linoleate.

Claim 22 (New). The method of claim 12, wherein the substrate is a wax ester.

Claim 23 (New). The method of claim 22, wherein the substrate is arachidyl linoleate.

Claim 24 (New). The method of claim 12, wherein the substrate is an aryl ester.

Claim 25 (New). The method of claim 24, wherein the substrate is linoleic acid phenyl ester.

Claim 26 (New). The method of claim 12, wherein the substrate is a mono- or diamide.

Claim 27 (New). The method of claim 26, wherein the substrate is 1,6-diaminohexane linoleic acid diamide.

Claim 28 (New). The method of claim 12, wherein step c) comprises:

- (i) incubating with a ferrous salt and xylenol orange to allow color generation, and
- (ii) detecting color generation.